

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: M107606
Date Received: 02/10/06
Date Extracted: 02/14/06
Date Analyzed: 02/14/06
Matrix: Water
Units: ug/L (ppb)

Client: Alaskan Copper Works
Project: Metro Self Monitor, PO# M107606
Lab ID: 602110-01 10x
Data File: 602110-01 10x.032
Instrument: ICPMS1
Operator: btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Lithium	89	60	125
Germanium	82	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	388
Nickel	393
Copper	367
Zinc	19.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank
Date Received: Not Applicable
Date Extracted: 02/14/06
Date Analyzed: 02/14/06
Matrix: Water
Units: ug/L (ppb)

Client: Alaskan Copper Works
Project: Metro Self Monitor, PO# M107606
Lab ID: I6-151 mb
Data File: I6-151 mb.022
Instrument: ICPMS1
Operator: btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Lithium	107	60	125
Germanium	83	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<10
Nickel	<10
Copper	<10
Zinc	<10

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: 02/22/06

Date Received: 02/10/06

Project: Metro Self Monitor, PO# M107606, F&BI 602110

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR METALS BY EPA METHOD 200.8**

Laboratory Code: 602124-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	<1	<1	nm	0-20
Nickel	ug/L (ppb)	<1	<1	nm	0-20
Copper	ug/L (ppb)	<1	<1	nm	0-20
Zinc	ug/L (ppb)	<1	<1	nm	0-20

Laboratory Code: 602124-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	<1	89	50-150
Nickel	ug/L (ppb)	20	<1	99	50-150
Copper	ug/L (ppb)	20	<1	100	50-150
Zinc	ug/L (ppb)	50	<1	95	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	95	70-130
Nickel	ug/L (ppb)	20	102	70-130
Copper	ug/L (ppb)	20	104	70-130
Zinc	ug/L (ppb)	50	97	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

February 22, 2006

DUPLICATE COPY

INVOICE # 06ACU0222-1

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M107606, F&BI 602110 - Results of testing
requested by Gerry Thompson for material submitted on February 10, 2006.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 200.8 @ \$80 per sample	<u>\$ 80.00</u>
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Amount Due	\$ 80.00
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FEDERAL TAX ID #(b) (6)

602110

SAMPLE CHAIN OF CUSTODY

ME 02/10/06

40 AI4

Send Report To

Gerald Thompson

Company

ALASKAN Copper works

Address

1028 S Hamilton St

City, State, ZIP

Seattle WA 98134

Phone #

206-582-8379

Fax #

206-582-1309

SAMPLERS (signature)

PROJECT NAME/NO.

Metro Self Monitor
Grab

PO #

M107606

REMARKS

Page # of

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Chloride				
M107606	01	2/10/06	9:50 am	H2O	1							X				

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

SIGNATURE

Relinquished by:

Received by:

Relinquished by:

Received by:

PRINT NAME

Gerald Thompson

Nhan Phan

COMPANY

ALASKAN Copper

Fe B I

DATE

2/10/06

2/10/06

TIME

10:50 AM

10:00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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February 22, 2006

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on February 10, 2006 from the Metro Self Monitor, PO# M107606, F&BI 602110 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
ACU0222R.DOC